Helpful Hints / Questions & Answers

Q **Do I need to monitor the FDRPASSV service virtual machine's console while volumes are being swapped?**

A No, in fact it is recommended that you leave the service virtual machine running disconnected. If you want to monitor every message sent to the console, it is recommended that you set up a secondary console, either temporarily or permanently depending on your requirements.

Q **Special consideration when going from smaller to larger volumes and minidisks have been defined using the "END" keyword.**

A If you are migrating Linux systems from smaller to larger volumes, and you have minidisks defined using the "END" keyword, you should first modify the user directory entries to specify the exact ending cylinder. For example, if you are moving from 3390-9s to 3390-27s, and you have minidisk statements with "1 END", you should update all user directory entries with "1 10016". This way, the Linux disks will remain the same size, and the remaining space will be available for other minidisks.

Q **I use the CHECKSOURCE=YES operand in my jobs for z/OS volumes. Should I use it in my z/VM jobs?**

A No. When this operand is coded on the SIMSWAP or SIMSWAPMON statement, FDRPAS checks the z/OS VTOC. Since z/VM volumes do not have a z/OS VTOC, the simulation will produce error messages.

Q **I use the CHECKTARGET=YES operand in my jobs for z/OS volumes. Should I use it in my z/VM jobs?**

A Yes, although it will not check as much. CHECKTARGET=YES checks that the target volumes are offline to z/OS, and that they do not have any data sets in the z/OS VTOC. (Note that on the z/VM systems, the target volumes must be online and free.) For volumes in CPVOLUME format, the check of the z/OS VTOC does not apply and is bypassed.

Q **If GDPS Hyperswap is active for z/VM as well as z/OS volumes, can I still use FDRPASVM to migrate volumes?**

A Yes, following the procedure in section 320.6 FDRPAS AND IBM GDPS/PPRC HYPERSWAP in the z/OS FDRPAS manual. There is a rule that FDRPAS cannot swap a volume while it is eligible to be swapped by HyperSwap, so this procedure automates the process of disabling HyperSwap for the minimum amount of time while FDRPAS does its swaps, and then re-enables HyperSwap.

Q **Should I specify NONRESPONDING=RETRY on the SWAP command?**

A Yes. If there is an LPAR that has the volume online but does not have a monitor running, you will be protected from the mistake of allowing the SWAP to proceed.

Best Practice Recommendation – Sometimes VM volumes have not been INITed properly. To avoid any problems in using FDRPASVM in migrating VM and Linux on System z volumes, we recommend that you add a SELECT statement after all MOUNT statements in the SWAP task input as in this example:

```
MOUNT VOL=LX4201,SWAPUNIT=6201
SELECT FROM(CYL=0),TO(CYL=65519)
```

The ending cylinder value must be as large as or larger than the highest cylinder number on the largest DASD to be swapped; 65519 as shown handles any DASD up to the size of a 3390-54. If you have EAV volumes contact Innovation for the proper values for the SELECT statement. Do not include z/OS volumes in a run with this MOUNT statement. ***For more detailed information see Section 320.3 of the FDRPAS user manual.***